

CPC**COOPERATIVE PATENT CLASSIFICATION****D04C****BRAIDING OR MANUFACTURE OF LACE, INCLUDING BOBBIN-NET OR CARBONISED LACE; BRAIDING MACHINES; BRAID; LACE**

(machines for making soles from strips of material [A43D 29/00](#); cane working [B27J 1/00](#))

D04C 1/00**Braid or lace, e.g. pillow-lace; Processes for the manufacture thereof**

D04C 1/02

. made from particular materials

D04C 1/04

.. Carbonised or like lace

D04C 1/06

. Braid or lace serving particular purposes

D04C 1/08

.. Tulle fabrics

D04C 1/10

... Pattern tulle fabrics

D04C 1/12

.. Cords, lines, or tows

D04C 3/00**Braiding or lacing machines**

D04C 3/02

. with spool carriers guided by track plates or by bobbin heads exclusively

D04C 3/04

.. with spool carriers guided and reciprocating in non-endless paths

D04C 3/06

.. with spool carriers moving always in the same direction in endless paths

D04C 3/08

.. with means for superimposing threads or braids

D04C 3/10

.. with means for forming edge loops, ears, or eyes

D04C 3/12

.. with means for introducing core threads

D04C 3/14

.. Spool carriers

D04C 3/16

... for horizontal spools

D04C 3/18

... for vertical spools

D04C 3/20

.. Arrangement of bobbin heads and guides or track plates in the machine

D04C 3/22

.. Guide or track plates (with means for controlling spool carriers [D04C 3/24](#))

D04C 3/24

.. Devices for controlling spool carriers to obtain patterns, e.g. devices on guide or track plates

D04C 3/26

... by stopping bobbin heads

D04C 3/28

... by stopping only the spool carrier

D04C 3/30

... by controlling switches of guide or track plates

D04C 3/32

.. Pattern input

D04C 3/34

.. Beater, or beat-up, mechanisms

D04C 3/36

.. Frames

D04C 3/38

.. Driving-gear; Starting or stopping mechanisms

D04C 3/40

. for making tubular braids by circulating strand supplies around braiding centre at equal distances

- D04C 3/42 . . with means for forming sheds by controlling guides for individual threads
- D04C 3/44 . . with means for forming sheds by subsequently diverting various threads using the same guiding means
- D04C 3/46 . . with thread carriers supported on rolls
- D04C 3/48 . Auxiliary devices
- D04C 5/00 Twist or bobbin-net lace-making machines**
- D04C 5/02 . Net looms for tulle fabrics
- D04C 5/04 . Net or lace curtain machines
- D04C 5/06 . Machines for making twist-lace fabrics
- D04C 5/08 . Bobbin carriages ([bobbins B65H 75/02](#))
- D04C 5/10 . Bobbin-carriage guides; Drives for swinging bobbin carriages
- D04C 5/12 . Drives for advancing bobbin carriages
- D04C 5/14 . . Pattern input
- D04C 5/16 . Warp thread feeding or guiding devices
- D04C 5/18 . . Guide bars; Guiding means therefor; Pattern input by control thereof
- D04C 5/20 . . Jacks or pickers; Pattern input by control thereof
- D04C 5/22 . Delivery devices
- D04C 5/24 . Driving-gear; Starting or stopping mechanisms
- D04C 5/26 . Auxiliary devices
- D04C 7/00 Tools or apparatus for braiding or lacing by hand**